

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph Page 11, Lines 26-37 of the originally filed specification with the following amended paragraph:

The control lines S1, S2, S3 (cf. FIG. 1) are connected, for example, to a circuit ~~(not shown)~~ 50 for recording the bandwidth of the signal which has been detected by the photodiode 1. In this case, suitable control signals are transmitted, via the control lines S1, S2, S3, to the existing switches in such a manner that only that amplifier 2, 3, 4 which is most suited to amplifying the measured bandwidth, or a bandwidth which is at least to be provided, is activated. In this case, the use of different amplifiers 2, 3, 4 which are switched on and off as a whole allows wide bandwidth variation.